

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF101023AL\
 Data File : FF013598.D
 Signal(s) : FID2B.ch
 Acq On : 10 Oct 2023 12:02
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 11 02:00:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 100623.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 07 07:01:38 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.872	3216970	19.941 ug/ml
Spiked Amount 50.000		Recovery =	39.88%
12) S 1-chlorooctadecane (S...	13.312	2406080	20.077 ug/ml
Spiked Amount 50.000		Recovery =	40.15%
Target Compounds			
1) T n-Nonane (C9)	3.270	2536716	19.941 ug/ml
2) T n-Decane (C10)	4.521	2589671	20.036 ug/ml
3) T A~Naphthalene (C11.7)	6.216	2770991	20.036 ug/ml
4) T n-Dodecane (C12)	6.684	2610711	20.108 ug/ml
5) T A~2-methylnaphthalene...	7.311	2661324	20.097 ug/ml
6) T n-Tetradecane (C14)	8.510	2550334	20.027 ug/ml
7) T n-Hexadecane (C16)	10.115	2659012	20.132 ug/ml
8) T n-Octadecane (C18)	11.559	2759933	20.166 ug/ml
10) T n-Eicosane (C20)	12.868	2768542	20.337 ug/ml
11) T n-Heneicosane (C21)	13.481	2718070	20.166 ug/ml
13) T n-Docosane (C22)	14.067	2777066	20.596 ug/ml
14) T n-Tetracosane (C24)	15.171	2898349	21.214 ug/ml
15) T n-Hexacosane (C26)	16.192	2938186	21.582 ug/ml
16) T n-Octacosane (C28)	17.142	2957709	22.119 ug/ml
17) T n-Tricontane (C30)	18.031	3044597	21.977 ug/ml
18) T n-Dotriacontane (C32)	18.862	2973933	21.648 ug/ml
19) T n-Tetratriacontane (C34)	19.645	2693731	20.799 ug/ml
20) T n-Hexatriacontane (C36)	20.384	2454510	19.682 ug/ml
21) T n-Octatriacontane (C38)	21.111	2357284	20.062 ug/ml
22) T n-Tetracontane (C40)	22.002	2322100	20.188 ug/ml

(f)=RT Delta > 1/2 Window

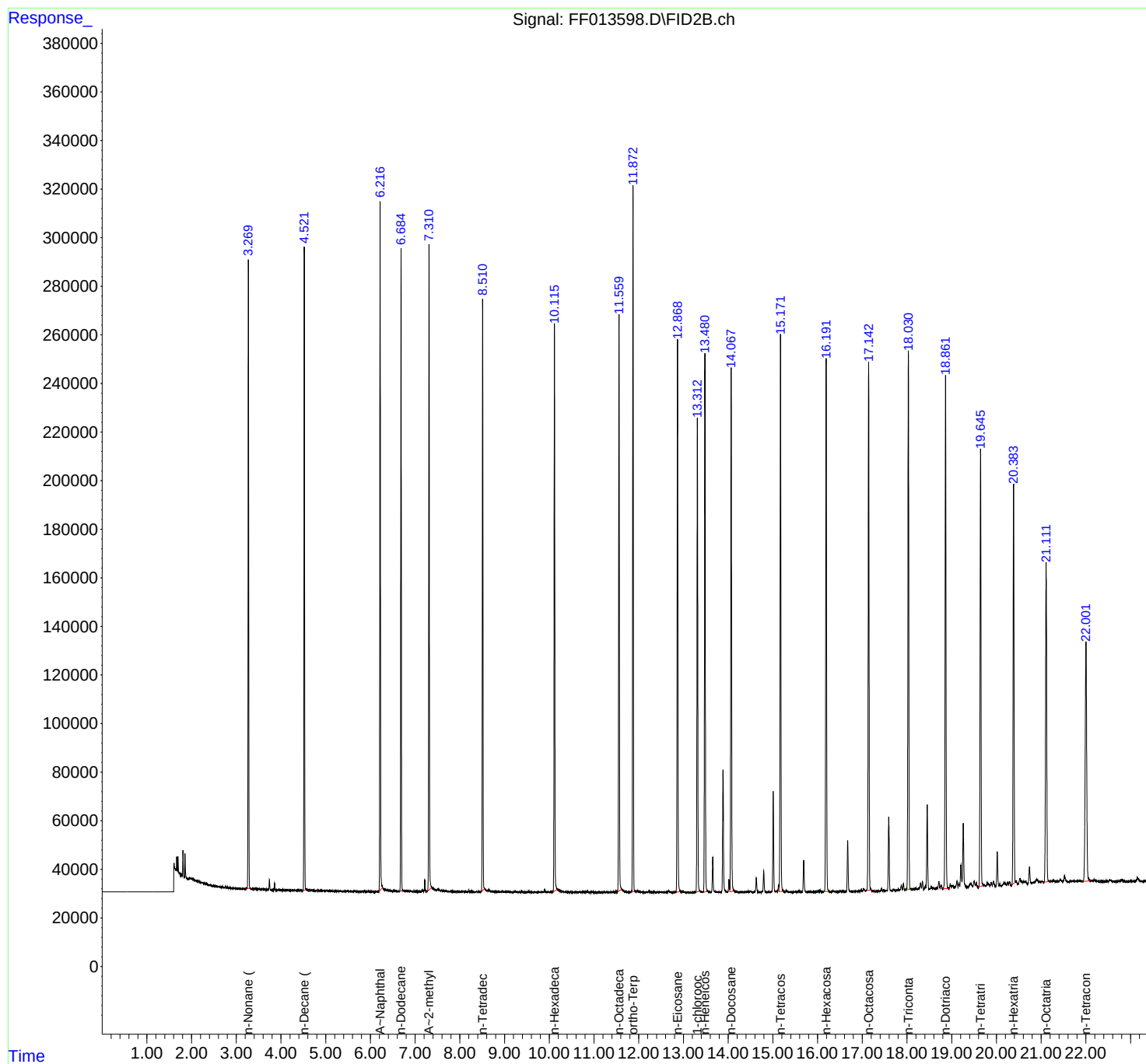
(m)=manual int.

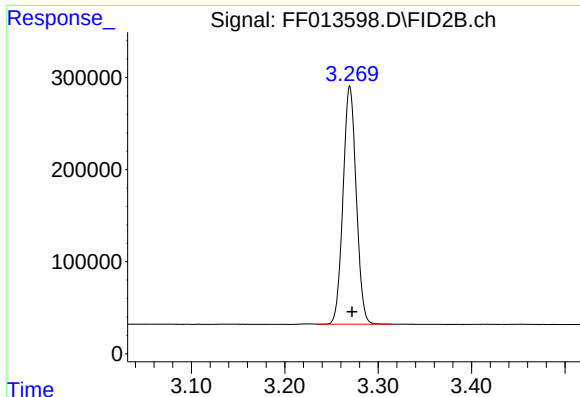
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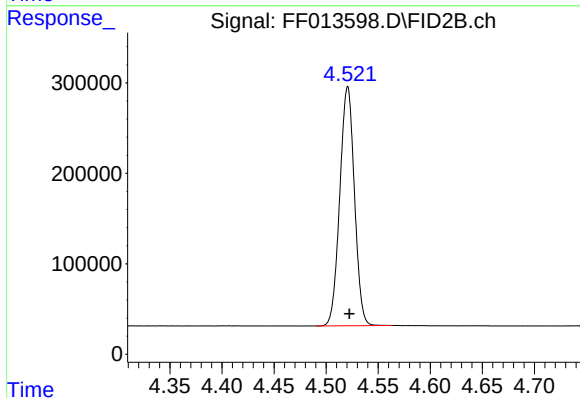




#1 n-Nonane (C9)

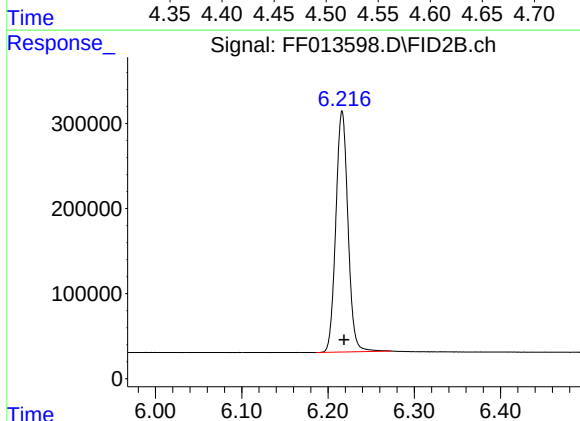
R.T.: 3.270 min
Delta R.T.: -0.002 min
Response: 2536716
Conc: 19.94 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



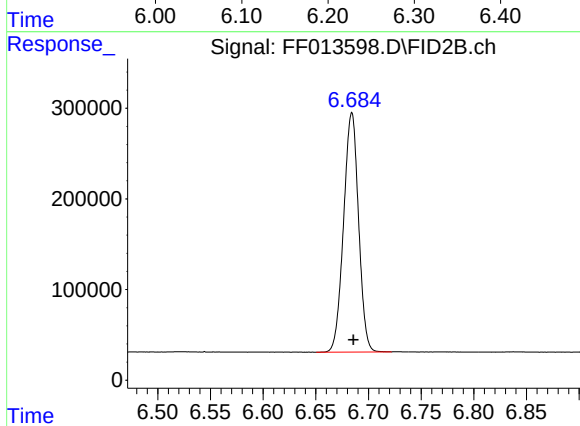
#2 n-Decane (C10)

R.T.: 4.521 min
Delta R.T.: -0.002 min
Response: 2589671
Conc: 20.04 ug/ml



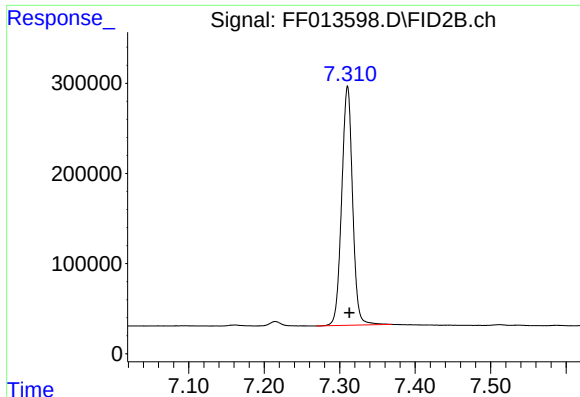
#3 A~Naphthalene (C11.7)

R.T.: 6.216 min
Delta R.T.: -0.002 min
Response: 2770991
Conc: 20.04 ug/ml



#4 n-Dodecane (C12)

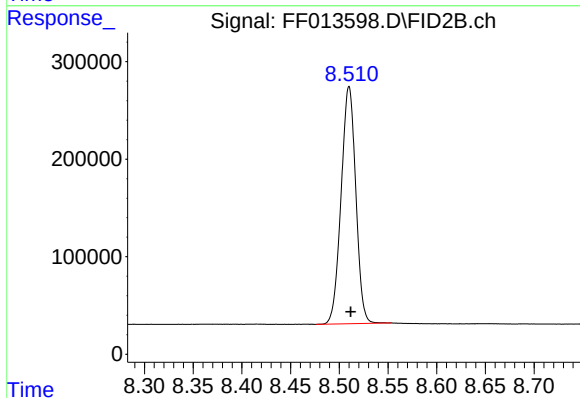
R.T.: 6.684 min
Delta R.T.: -0.002 min
Response: 2610711
Conc: 20.11 ug/ml



#5 A~2-methylnaphthalene (C12.89)

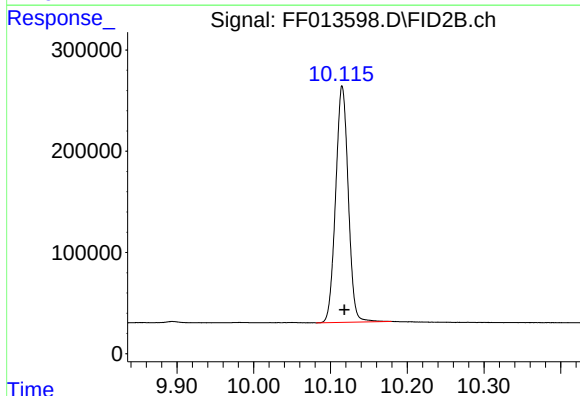
R.T.: 7.311 min
Delta R.T.: -0.002 min
Response: 2661324
Conc: 20.10 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



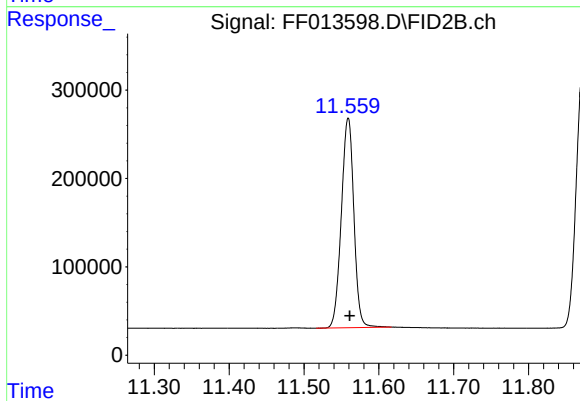
#6 n-Tetradecane (C14)

R.T.: 8.510 min
Delta R.T.: -0.002 min
Response: 2550334
Conc: 20.03 ug/ml



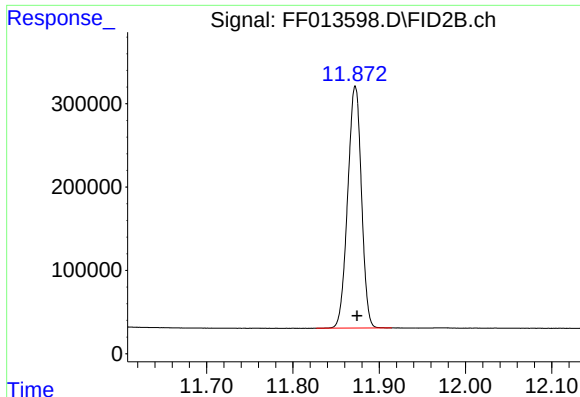
#7 n-Hexadecane (C16)

R.T.: 10.115 min
Delta R.T.: -0.003 min
Response: 2659012
Conc: 20.13 ug/ml



#8 n-Octadecane (C18)

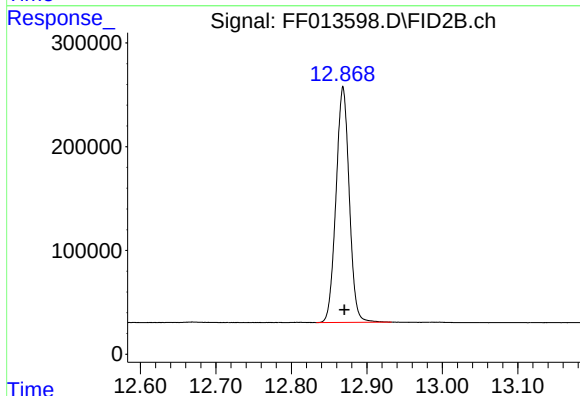
R.T.: 11.559 min
Delta R.T.: -0.002 min
Response: 2759933
Conc: 20.17 ug/ml



#9 ortho-Terphenyl (SURR)

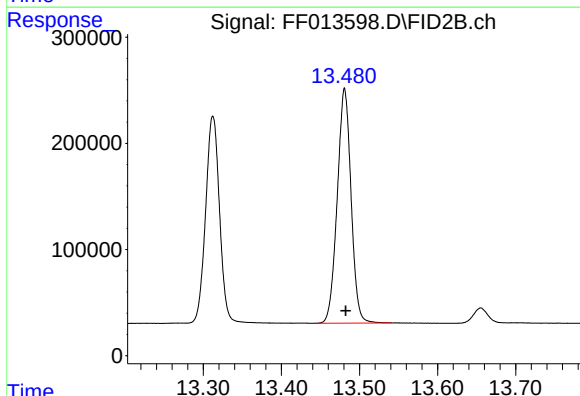
R.T.: 11.872 min
Delta R.T.: -0.002 min
Response: 3216970
Conc: 19.94 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



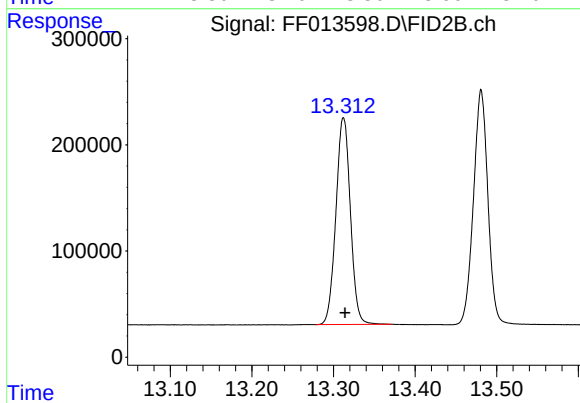
#10 n-Eicosane (C20)

R.T.: 12.868 min
Delta R.T.: -0.002 min
Response: 2768542
Conc: 20.34 ug/ml



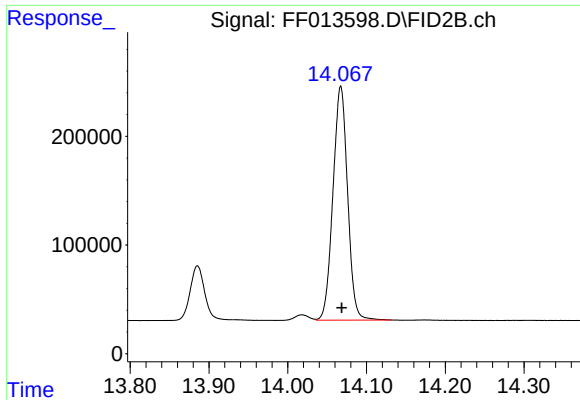
#11 n-Heneicosane (C21)

R.T.: 13.481 min
Delta R.T.: -0.001 min
Response: 2718070
Conc: 20.17 ug/ml



#12 1-chlorooctadecane (SURR)

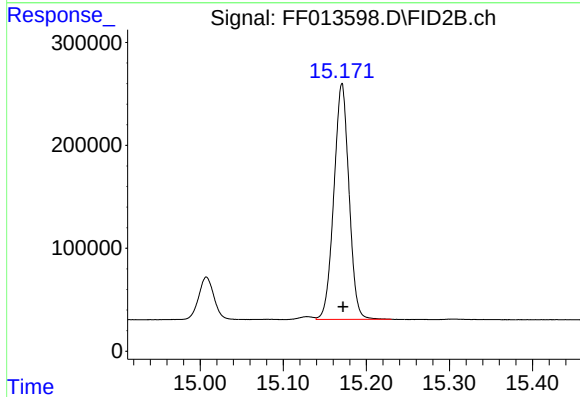
R.T.: 13.312 min
Delta R.T.: -0.002 min
Response: 2406080
Conc: 20.08 ug/ml



#13 n-Docosane (C22)

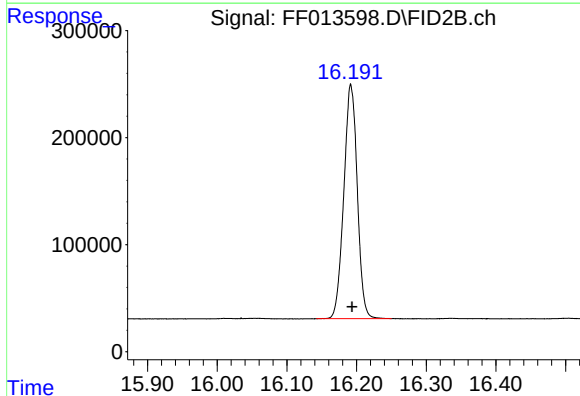
R.T.: 14.067 min
Delta R.T.: -0.001 min
Response: 2777066
Conc: 20.60 ug/ml

Instrument :
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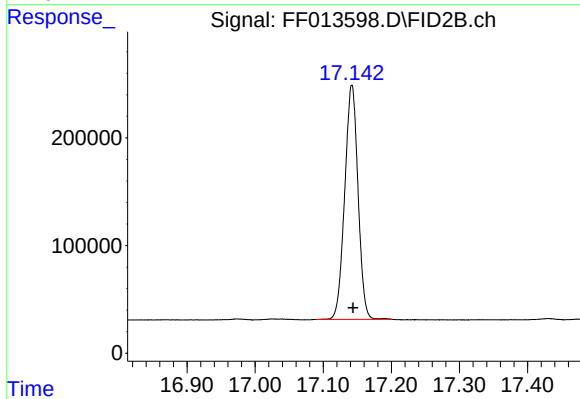
#14 n-Tetracosane (C24)

R.T.: 15.171 min
Delta R.T.: -0.001 min
Response: 2898349
Conc: 21.21 ug/ml



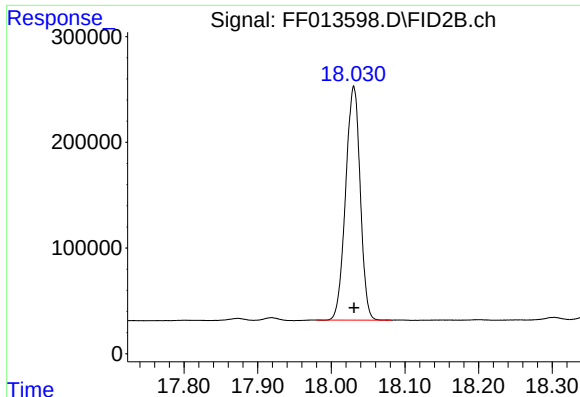
#15 n-Hexacosane (C26)

R.T.: 16.192 min
Delta R.T.: -0.002 min
Response: 2938186
Conc: 21.58 ug/ml



#16 n-Octacosane (C28)

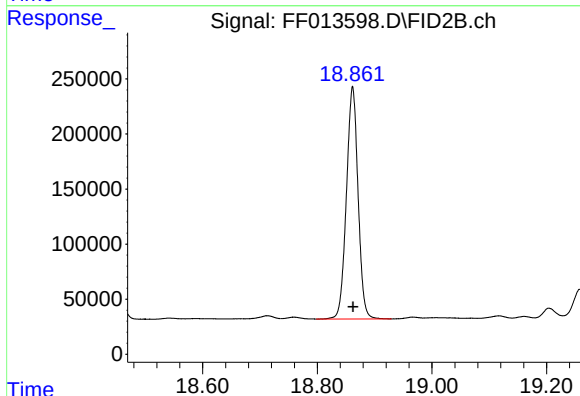
R.T.: 17.142 min
Delta R.T.: -0.002 min
Response: 2957709
Conc: 22.12 ug/ml



#17 n-Tricontane (C30)

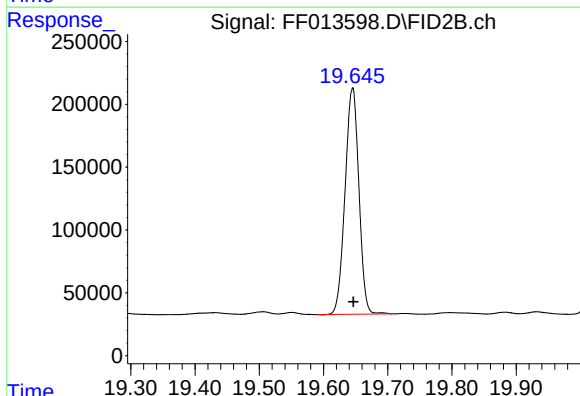
R.T.: 18.031 min
Delta R.T.: 0.000 min
Response: 3044597
Conc: 21.98 ug/ml

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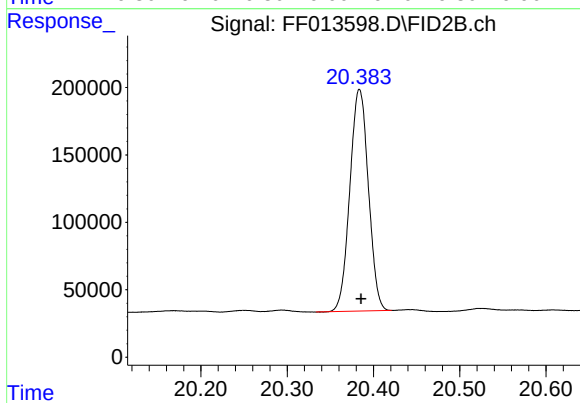
#18 n-Dotriacontane (C32)

R.T.: 18.862 min
Delta R.T.: 0.000 min
Response: 2973933
Conc: 21.65 ug/ml



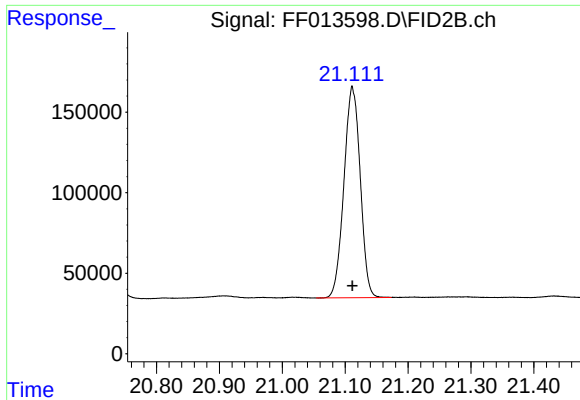
#19 n-Tetratriacontane (C34)

R.T.: 19.645 min
Delta R.T.: -0.001 min
Response: 2693731
Conc: 20.80 ug/ml



#20 n-Hexatriacontane (C36)

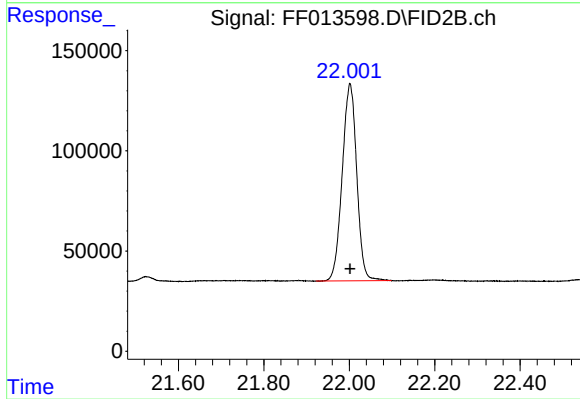
R.T.: 20.384 min
Delta R.T.: -0.002 min
Response: 2454510
Conc: 19.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.111 min
Delta R.T.: 0.000 min
Response: 2357284
Conc: 20.06 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.002 min
Delta R.T.: 0.000 min
Response: 2322100
Conc: 20.19 ug/ml